

Attorney Docket :
033582R0041

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)	
)	
Rogério BATISTA AUAD)	
)	
Serial No.: To Be Assigned)	Group Art Unit: To Be Assigned
)	
Filed: Herewith)	Examiner: To Be Assigned

For: FLUID MIXING DEVICE AND FLUID INJECTION VALVE FOR USE THEREWITH

PRELIMINARY AMENDMENT

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Prior to calculation of filing fees for the above-identified divisional application,
please amend the application as set forth below:

In the Specification:

Please amend the specification as follows:

Page 1, on the line after the title of the invention, please insert the following
paragraph:

--CROSS REFERENCE TO RELATED APPLICATION

This application is a division of Serial No. 09/743,613, filed April 23, 2001 which is
a 371 national stage filing of PCT/BR98/00048, filed July 16, 1998, both of which
are incorporated herein by reference in their entirety. - -

Page 8, second paragraph:

Referring to figures 2 to 4, inner core 123 comprises an upper portion 124, attached to upper surface 120 of impeller disc 119 and configured to fill the dead volume above impeller 118, and a lower portion 125, attached to lower surface 121 of impeller disc 119, configured to fill the dead volume below impeller 118. It should be observed that inner core 123 may also be attached to impeller drive shaft 101, as well as, or instead of, to upper and lower surfaces ~~121, 122~~ 120, 121 of impeller disc 119, or as a further alternative may be connected to upper and/or lower portions 108, 114 of mixing chamber 109, so that they do not rotate with impeller 118.

Page 11, first full paragraph:

A valve cap 158 is fixed to body portion 135 to partially close access aperture 137. Valve cap 158 is formed with ~~an~~ a fluid entrance aperture 159 which, when valve cap 158 is fixed to body portion 135, has its axis along that of the central axis of body portion 135. End face ~~146~~ 138b of body portion 135 is sealed against an internal shoulder 160 of valve cap 158 by a gasket 161.